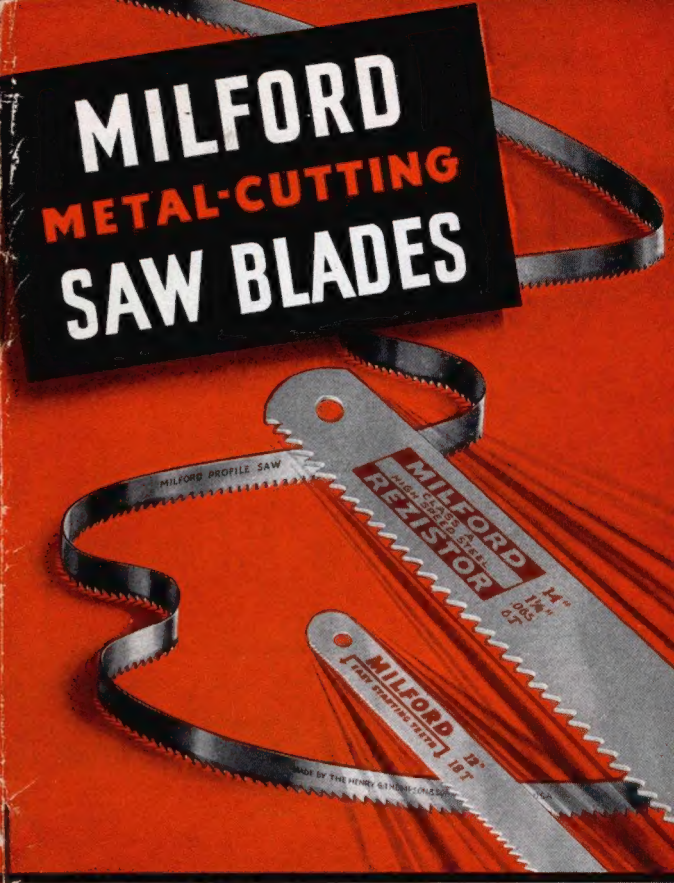
MILFORD
METAL-CUTTING
SAW BLADES



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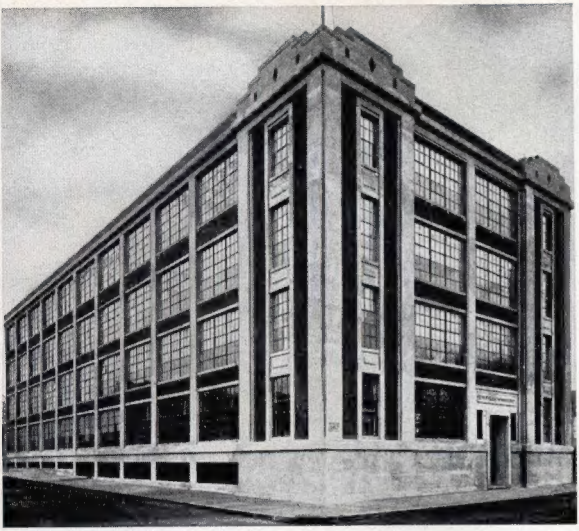


OFFICE AND FACTORY, NEW HAVEN, CONN.

THE Henry G. Thompson & Son Company has specialized in the manufacture of metal-cutting saw blades since it was founded in 1876. During more than half a century the efforts of the entire organization have been devoted to one purpose: *To make saw blades that will best serve the varied needs of industry.*

To this end, the most advanced methods of production are the order of the day in this modern plant. Much of the specialized equipment and heat treating practice has been developed by Thompson engineers. Naturally its benefits are not available elsewhere.

Knowledge and experience . . . the *know-how* that is born of long specialization . . . enables this Company to offer metal-cutting saw blades that truly meet the exacting requirements of industry throughout the world.

MILFORD

METAL-CUTTING SAW BLADES

STOCK NUMBERS — LIST PRICES

CONTENTS

	Page
MILFORD Duplex hack saw blades	4
Tungsten 18-4-1 High Speed hack saw blades	5
Flexible Rezistor hack saw blades	6
All Hard Rezistor hack saw blades	7
MILFORD Rezistor Tool Bits	8
MILFORD Midget Frames	9
MILFORD Compass saw blades	9
MILFORD Profile band saw blade	10–11
Flexible back metal cutting band saw blades	12
Flexible back Skip-Tooth band saw blade	13
Flexible back Dry Ice band saw blade	13
Spring Temper band saw blades	14–15
Wood Cutting band saw blades	16–17
Hand Hack Saw Blade Selection Chart	18
How To Select Power Saw Blades	19

THE HENRY G. THOMPSON & SON CO.

Saw Specialists for over Sixty-Five Years

NEW HAVEN 5, CONN. U. S. A.

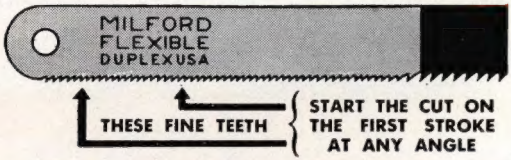
Established 1876

Cable Address "SPIRAL", New Haven

MILFORD STANDARD STEEL

HACK SAW BLADES

Hand frame sizes only have Easy-Starting teeth.



FLEXIBLE STANDARD STEEL (Green Label)

A hard tooth, flexible back saw, unbreakable in a frame; for general maintenance use, and preferred by electricians, plumbers and automobile mechanics.

Length Inches	Width Inches	Thickness	Teeth per Inch and Stock Number				List Price per Gross	Wgt. per Gross Lbs.
			Duplex			Standard		
			14-28	18-36	24-36	32		
10	1/2	.025	.....	FD1018	FD1024	F1032	$10.00	4 1/2
12	1/2	.025	FD1214	FD1218	FD1224	F1232	12.00	5 3/4

ALL-HARD STANDARD STEEL (Blue Label)

A thoroughly uniform all hard blade for skilled mechanics and general bench work. Preferred by toolmakers and other skilled craftsmen.

Length Inches	Width Inches	Thickness	Teeth per Inch and Stock Number				List Price per Gross	Wgt. per Gross Lbs.
			Duplex			Standard		
			14-28	18-36	24-36	32		
10	1/2	.025	.....	MD1018	MD1024	M1032	$10.00	4 1/2
12	1/2	.025	MD1214	MD1218	MD1224	M1232	12.00	5 3/4

SAFETY STANDARD STEEL (Brown Label)

A tungsten alloy blade, specially heat treated to make it practically as hard as an all hard blade, but yet cannot be broken accidentally. Preferred by plumbers, auto mechanics and electricians. Approved by safety councils.

Length Inches	Width Inches	Thickness	Teeth per Inch and Stock Number				List Price per Gross
			Duplex			Standard	
			14-28	18-36	24-36	32	
10	1/2	.025	.....	STD1018	STD1024	ST1032	$15.00
12	1/2	.025	STD1214	STD1218	STD1224	ST1232	18.00

MILFORD TUNGSTEN HIGH SPEED

ALL HARD HACK SAW BLADES

This type of blade is most effectively used in cutting abrasive steels which generate a high amount of heat in the cutting operation. Hand frame sizes only have Easy-Starting teeth.

HAND FRAME SIZES — LIST PRICES

Lgth. Ins.	Width Inches	Thick-ness	Teeth per Inch and Stock Number				List Price per Gross	Wgt. per Gross Lbs.
			Duplex			Standard		
			14-28	18-36	24-36	32		
10	1/2	.025	.....	HD0618	HD0624	H0632	$40.32	6 1/4
12	1/2	.025	HD2614	HD2618	HD2624	H2632	48.96	7- 0

POWER MACHINE SIZES — LIST PRICES

Lgth. Ins.	Width Inches	Thick-ness	Teeth per Inch and Stock Number					List Price per Dozen	Wgt. per Dozen Lbs. Ozs.
			4	6	10	14	18		
12	5/8	.032	.....	.....	.....	H2824	H2828	$ 9.00	0-12
	1	.049	.....	.....	.....	H1214	.....	14.40	2- 3
	1	.065	.....	.....	H1210	.....	.....	14.40	3- 0
14	1	.049	.....	.....	H1490	H1414	.....	16.80	2- 8
	1	.065	.....	.....	H1410	.....	.....	16.80	3- 6
	1 1/4	.065	H1444	H1446	H1440	.....	.....	21.00	4- 3
17	1	.049	.....	.....	.....	H1714	.....	20.40	3- 0
	1	.065	.....	.....	H1710	.....	.....	20.40	4- 0
	1 1/4	.065	H1744	H1746	H1740	.....	.....	25.50	5- 0
18	1	.065	.....	.....	H1810	.....	.....	21.60	4- 5
	1 1/4	.065	H1844	H1846	H1840	.....	.....	27.00	5- 5

EXTRA HEAVY POWER SIZES — LIST PRICES

Lgth. Ins.	Width Inches	Thick-ness	Teeth per Inch and Stock Number		List Price per Dozen	Wgt. per Dozen Lbs. Ozs.
			4	6		
14	1 1/2	.072	EH1424	EH1426	$27.72	4- 9
18	1 1/2	.072	EH1824	EH1826	35.64	8- 0
	2	.072	EH8224	EH8226	47.52	9- 8
21	2	.072	EH2124	EH2126	55.44	12-10
	2	.100	EH2104	.....	75.60	16- 0
24	2	.072	EH2424	EH2426	63.36	13- 4
	2	.100	EH4204	.....	86.40	17- 9
30	2 1/2	.100	EH3204	.....	135.00	29-11

MILFORD FLEXIBLE REZISTOR

SHATTERPROOF—HIGH SPEED STEEL HACK SAW BLADES

The Flexible Rezistor . . . a high speed blade with genuine flexibility. They will deliver maximum cutting service on any material, at high speed. Because they are shatterproof it spells SAFETY to the skilled and less skilled craftsmen. Hand frame sizes only have EASY-STARTING teeth.

HAND FRAME SIZES — LIST PRICES

Lgth. Ins.	Width Ins.	Th'k-ness	Teeth per Inch and Stock Number				List Price per Gross	Wgt. per Gross Lbs.
			Duplex			Standard		
			14-28	18-36	24-36	32		
10	1/2	.025	.....	FR0618	FR0624	FR0632	$40.00	5- 0
12	1/2	.025	FR2614	FR2618	FR2624	FR2632	48.00	6 1/2

POWER MACHINE SIZES — LIST PRICES

Lgth. Ins.	Width Ins.	Th'k-ness	Teeth per Inch and Stock Number					List Price per Dozen	Wgt. per Dozen Lbs. Ozs.
			4	6	10	14	18		
12	5/8	.032	.....	.....	.....	FR2824	FR2828	$ 9.00	0-12
	1	.049	.....	.....	.....	FR1214	.....	10.08	2- 2
	1	.065	.....	.....	FR1210	.....	.....	10.08	2-12
14	1	.049	.....	.....	FR1490	FR1414	.....	11.76	2- 4
	1	.065	.....	.....	FR1410	.....	.....	11.76	3- 1
	1 1/4	.065	FR1444	FR1446	FR1440	.....	.....	14.70	3-14
17	1	.049	.....	.....	.....	FR1714	.....	14.28	3- 0
	1	.065	.....	.....	FR1710	.....	.....	14.28	3- 8
	1 1/4	.065	FR1744	FR1746	FR1740	.....	.....	17.85	4-12
18	1	.065	.....	.....	FR1810	.....	.....	15.12	4- 2
	1 1/4	.065	FR1844	FR1846	FR1840	.....	.....	18.90	5- 0

EXTRA HEAVY POWER SIZES — LIST PRICES

Lgth. Ins.	Width Ins.	Th'k-ness	Teeth per Inch and Stock Number		List Price per Dozen	Wgt. per Dozen Lbs. Ozs.
			4	6		
14	1 1/2	.072	FR1424	FR1426	$19.44	4- 9
18	1	.072	FR1824	FR1826	24.96	6- 8
	1 1/2	.072	FR8224	FR8226	33.24	8-12
21	2	.072	FR2124	FR2126	38.76	11-10
	2	.100	FR2104	.....	52.92	14- 6
24	2	.072	FR4224	FR4226	44.40	12- 3
	2	.100	FR4204	.....	60.48	15-14
30	2 1/2	.100	FR3204	.....	94.50	27- 0

MILFORD ALL HARD REZISTOR

REZISTOR — HIGH SPEED STEEL HACK SAW BLADES

The All Hard Rezistor . . . a thoroughly uniform all hard blade with extraordinary wear and heat resistance is specially recommended for cutting stainless steels, high speed and manganese steels, railroad tracking and various other metals. Hand frame sizes only have Easy-Starting teeth.

HAND FRAME SIZES — LIST PRICES

Lgth. Ins.	Width Ins.	Th'kness	Teeth per Inch and Stock Number				List Price per Gross	Wgt. per Gross Lbs.
			Duplex			Standard		
			14-28	18-36	24-36	32		
10	1/2	.025	.....	RD1018	RD1024	R1032	$40.00	5- 0
12	1/2	.025	RD1214	RD1218	RD1224	R1232	48.00	6 1/2

POWER MACHINE SIZES — LIST PRICES

Lgth. Ins.	Width Ins.	Th'kness	Teeth per Inch and Stock Number					List Price per Dozen	Wgt. per Dozen Lbs. Ozs.
			4	6	10	14	18		
12	5/8	.032	.....	.....	.....	R2824	R2828	$ 6.75	0-12
	1	.049	.....	.....	.....	R1214	.....	10.08	2- 2
	1	.065	.....	.....	R1210	.....	.....	10.08	2-12
14	1	.049	.....	.....	R1490	R1414	.....	11.76	2- 4
	1	.065	.....	.....	R1410	.....	.....	11.76	3- 1
	1 1/4	.065	R1444	R1446	R1440	.....	.....	14.70	3-14
17	1	.049	.....	.....	.....	R1714	.....	14.28	3- 0
	1	.065	.....	.....	R1710	.....	.....	14.28	3- 8
	1 1/4	.065	R1744	R1746	R1740	.....	.....	17.85	4-12
18	1	.065	.....	.....	R1810	.....	.....	15.12	4- 2
	1 1/4	.065	R1844	R1846	R1840	.....	.....	18.90	5- 0

EXTRA HEAVY POWER SIZES — LIST PRICES

Lgth. Ins.	Width Ins.	Th'kness	Teeth per Inch and Stock Number		List Price per Dozen	Wgt. per Dozen Lbs. Ozs.
			4	6		
14	1 1/2	.072	R1424	R1426	$19.44	4- 9
18	1 1/2	.072	R1824	R1826	24.96	6- 8
	2	.072	R8224	R8226	33.24	8-12
21	2	.072	R2124	R2126	38.76	11-10
	2	.100	R2104	.....	52.92	14- 6
24	2	.072	R4224	R4226	44.40	12- 3
	2	.100	R4204	.....	60.48	15-14
30	2 1/2	.100	R3204	.....	94.50	27- 0

MILFORD REZISTOR TOOL BITS

REZISTOR — HIGH SPEED STEEL

REZISTOR Tool Bits are hard, tough-cutting tools made of the same analysis of high-speed steel used for REZISTOR hacksaw blades. They are heat treated to a high Rockwell hardness and exhibit the same resistance to heat and wear as these famous blades. They can easily be ground to all cutting shapes without disturbing their hardness.

Note: Most satisfactory results will be obtained if the cutting edge of these bits is ground thoroughly to a maximum of .025" below the surface, depending upon the size of the bit. Avoid heavy pressure or discoloration of the steel in grinding.

Squared, both ends beveled 20 degrees, ready to be sharpened.

REZISTOR tool bits are packed in boxes of two to 12 bits depending on size. Clearly labeled.

DIMENSIONS — PACKING — LIST PRICES

Inches Square	Length Overall Inches	No. Pieces per Pkg.	Weight per Pkg. Lbs. Ozs.	Price Each
3/16	2 1/2	12	— 5	$0.20
1/4	2 1/2	12	— 9	.26
5/16	2 1/2	12	— 12	.35
3/8	3	12	1 — 5	.49
7/16	3 1/2	6	1 — 0	.66
1/2	4	6	1 — 9	.88
5/8	4 1/2	3	1 — 8	1.35
3/4	5	3	2 — 5	2.08
7/8	6	2	2 — 8	3.55
1	7	2	3 — 15	5.65
1 1/8	8	2	5 — 11	7.70

MILFORD MIDGET FRAMES

No. 3 MILFORD MIDGET FRAME

List Price, with blade, $3.00 per Doz.

HARD TEETH — FLEXIBLE BACK — LIST PRICE

Length Inches	Width Inches	Thickness	32 Teeth per Inch — Stock Number	List Price Gross	Wgt. per Gross Lbs.
6	1/4	.014	F632	$9.00	2

MILFORD COMPASS SAW BLADES

Milford Compass Saw Blades are made from Spring Temper metal cutting steel, specially selected for toughness and hardness. The end of the blade tapers away from the point, permitting use of the entire cutting point in small holes. They are pinhole punched as well as slotted to fit the handle securely.

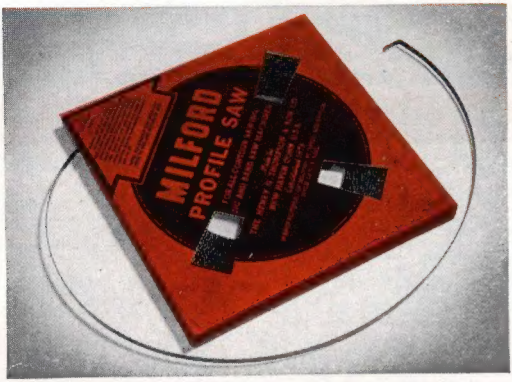
COMPASS SAW BLADES — LIST PRICES

NO. 17 — 17 GAUGE — 8 TEETH

Number	Length Inches	List Price per Dozen	Wgt. per Dozen Lbs. Ozs.
1712	12	$7.25	1-11

MILFORD P

FOR ALL CONTOUR SAWING, J



Now handily packed in an IMPROVED box—wood corner supports—will not crush or bind.

No binding wires are used. Simply run out, measure and cut desired length. Done in a jiffy. Saves hands and guards coil against corrosion. All boxes plainly labeled.

STANDARD SPECIFICATIONS — LI

Width Inches	Thick-ness	Teeth per Inch and Stock Number				
		6	8	10	12	14
1/8	.025	.....	.....	.....	.....	A1814
3/16	.025	.....	.....	A3110	.....	A3114
1/4	.025	.....	.....	A1410	A1412	A1414
3/8	.025	.....	A3808	A3810	.....	A3814
1/2	.025	A1206	.....	A1210	.....	A1214
5/8	.032	.....	A5808	A5810	.....	A5814
3/4	.032	A3406	A3408	A3410	A3412	A3414
1	.035	A1006	A1008	A1010	.....	A1014

ROFILE SAW

IG AND BAND SAW MACHINES

For use on all contour sawing, jig and band saw machines for cutting of irregular shapes either internal or external in metal or plastics. Can be used on DoAll, Tannewitz, Grob, Oliver and other types of machines.

MILFORD Profile saw, Widths ⅛" to ½" incl. only, is packed in boxes containing 100′ coils. Most serviceable method of storing-handling Profile Saw in the coil is provided by Milford's unique dispenser.

The narrow band saw for metal cutting, originated by Milford, the world's largest and most experienced producer of metal-cutting band saw. During the years following the granting of the original patent to this Company in 1886, we have concentrated on this one product. The skill and experience thus gained, and the development of specialized equipment, enables us to continue to produce the highest quality precision cutting saw.

ST PRICES AND STOCK NUMBERS

		Wavy Set Only	Price Per 100 Ft. Coils	Feet per Pound	Weight Per 100 Ft. Lbs. Ozs.
18	24	32			
A1818	A1824	.....	$10.00	120	1- 4
A3118	A3124	A3132W	10.00	70	1-15
A1418	A1424	A1432W	10.00	60	2- 6
A3818	A3824	.....	10.00	35	3- 3
A1218	A1224	.....	11.00	25	4- 0
A5818	A5824	.....	14.00	16	6-10
.....	.....	.....	16.00	12	8- 0
.....	.....	.....	20.00	9	11-12

MILFORD FLEXIBLE BACK

METAL CUTTING BAND SAW BLADES

These hard tooth flexible back metal cutting saws are used in foundries and metal working plants for cutting all types of ferrous and non-ferrous metals.

LIST PRICES PER FOOT

Width Inches	Gauge	Teeth per Inch	Price per Foot	Welding Each
1/8	.025	14, 18, 24	$0.10	$0.40
3/16	.025	10, 14, 18, 24, 32	.10	.40
1/4	.025	10, 12, 14, 18, 24, 32	.10	.40
3/8	.025	8, 10, 14, 18, 24	.10	.40
1/2	.025	6, 10, 14, 18, 24	.11	.40
5/8	.032	8, 10, 14, 18, 24	.14	.50
3/4	.032	6, 8, 10, 12, 14	.16	.50
1	.035	6, 8, 10, 14	.20	.50

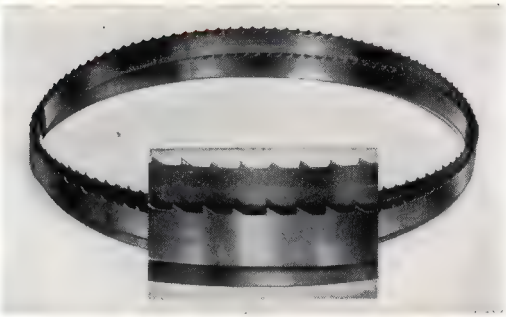
CUT TO LENGTH AND WELDED — LIST PRICES

Lengths Inclusive	Widths and Thicknesses					
	Under 3/8"	3/8" .025"	1/2" .025"	5/8" .032"	3/4" .032"	1" .035"
5′ 6″– 6′ 5″	$1.00	$1.00	$1.06	$1.34	$1.46	$1.70
6′ 6″– 7′ 5″	1.10	1.10	1.17	1.48	1.62	1.90
7′ 6″– 8′ 5″	1.20	1.20	1.28	1.62	1.78	2.10
8′ 6″– 9′ 5″	1.30	1.30	1.39	1.76	1.94	2.30
9′ 6″–10′ 5″	1.40	1.40	1.50	1.90	2.10	2.50
10′ 6″–11′ 5″	1.50	1.50	1.61	2.04	2.26	2.70
11′ 6″–12′ 5″	1.60	1.60	1.72	2.18	2.42	2.90
12′ 6″–13′ 5″	1.70	1.70	1.83	2.32	2.58	3.10
13′ 6″–14′ 5″	1.80	1.80	1.94	2.46	2.74	3.30
14′ 6″–15′ 5″	1.90	1.90	2.05	2.60	2.90	3.50
15′ 6″–16′ 5″	2.00	2.00	2.16	2.74	3.06	3.70
16′ 6″–17′ 5″	2.10	2.10	2.27	2.88	3.22	3.90
17′ 6″–18′ 5″	2.20	2.20	2.38	3.02	3.38	4.10
18′ 6″–19′ 5″	2.30	2.30	2.49	3.16	3.54	4.30
19′ 6″–20′ 5″	2.40	2.40	2.60	3.30	3.70	4.50
20′ 6″–21′ 5″	2.50	2.50	2.71	3.44	3.86	4.70

MILFORD SKIP TOOTH

FLEXIBLE BACK BAND SAW BLADES

METAL — PLASTIC WOOD



The Skip Tooth design is used for cutting such non-ferrous metals as aluminum, magnesium, and soft brass and bronze. It is also used for cutting plastics and other non-metallic materials and wood. Being a hard-tooth flexible back saw, of the same hardness as the regular Milford metal cutting saw, it will outlast the softer spring tempered saws used for cutting wood or soft metals at high speed.

LIST PRICES PER FOOT

Width Inches	Thickness	Teeth per Inch	Price per Foot	Welding Each
1/4	.025	4–6	$0.10	$0.40
1/2	.025	3–4	.11	.40
3/4	.032	3	.16	.50
1	.035	2–3	.20	.50

MILFORD SPRING TEMPER

FAST SPEED METAL CUTTING BAND SAW BLADES

The Spring Temper blades are widely used for cutting soft and thin materials at high speeds such as sheet metal, structural shapes, fibre, bakelite, brass tubing, aluminum and magnesium, etc. These blades are hardened the full width of the saw and can be reset and resharpened.

LIST PRICES PER FOOT AND PER BRAZE

Width Inches	Thickness	Gauge	Teeth per Inch	List Price per Foot	List Price per Braze
1/4	.025	23	8-10	$ .14	$ .50
3/8	.025 .032	23 21	8-10 8-10	.15 .16	.50
1/2	.025 .032	23 21	6-8-10 6-8-10	.17 .18	.50
5/8	.025 .032 .035	23 21 20	4-6-8-10 4-6-8-10 4-6-8-10	.18 .20 .21	.60
3/4	.035	20	4-6-8	.23	.60
1	.035	20	4-6-8	.28	.60
1 1/4	.042 .049	19 18	4-6 3-4	.35 .38	.70

If not filed and set, deduct 2c per foot for each operation.

TEETH SET AND SHARPENED — CAN BE EASILY REFILED AND RESET

The economical advantage of this feature is readily evident to experienced production men. After a long period of cutting, the blade can be reset, resharpened and restored to service.

CUT TO LENGTH AND BRAZED — LIST PRICES

Lengths Inclusive		Width and Thickness				
from	to	1/4" .025"	3/8" .025"	3/8" .032"	1/2" .025"	1/2" .032"
5'-6"	6'-5"	$1.34	$1.40	$1.46	$1.52	$1.58
6'-6"	7'-5"	1.48	1.55	1.62	1.69	1.76
7'-6"	8'-5"	1.62	1.70	1.78	1.86	1.94
8'-6"	9'-5"	1.76	1.85	1.94	2.03	2.12
9'-6"	10'-5"	1.90	2.00	2.10	2.20	2.30
10'-6"	11'-5"	2.04	2.15	2.26	2.37	2.48
11'-6"	12'-5"	2.18	2.30	2.42	2.54	2.66
12'-6"	13'-5"	2.32	2.45	2.58	2.71	2.84
13'-6"	14'-5"	2.46	2.60	2.74	2.88	3.02
14'-6"	15'-5"	2.60	2.75	2.90	3.05	3.20
15'-6"	16'-5"	2.74	2.90	3.06	3.22	3.38
16'-6"	17'-5"	2.88	3.05	3.22	3.39	3.56
17'-6"	18'-5"	3.02	3.20	3.38	3.56	3.74
18'-6"	19'-5"	3.16	3.35	3.54	3.73	3.92
19'-6"	20'-5"	3.30	3.50	3.70	3.90	4.10
20'-6"	21'-5"	3.44	3.65	3.86	4.07	4.28

Lengths Inclusive		Width and Thickness					
from	to	5/8" .025"	5/8" .032"	5/8" .035"	3/4" .035"	1" .035"	1 1/4" .042"
5'-6"	6'-5"	$1.68	$1.80	$1.86	$1.98	$2.28	$2.80
6'-6"	7'-5"	1.86	2.00	2.07	2.21	2.56	3.15
7'-6"	8'-5"	2.04	2.20	2.28	2.44	2.84	3.50
8'-6"	9'-5"	2.22	2.40	2.49	2.67	3.12	3.85
9'-6"	10'-5"	2.40	2.60	2.70	2.90	3.40	4.20
10'-6"	11'-5"	2.58	2.80	2.91	3.13	3.68	4.55
11'-6"	12'-5"	2.76	3.00	3.12	3.36	3.96	4.90
12'-6"	13'-5"	2.94	3.20	3.33	3.59	4.24	5.25
13'-6"	14'-5"	3.12	3.40	3.54	3.82	4.52	5.60
14'-6"	15'-5"	3.30	3.60	3.75	4.05	4.80	5.95
15'-6"	16'-5"	3.48	3.80	3.96	4.28	5.08	6.30
16'-6"	17'-5"	3.66	4.00	4.17	4.51	5.36	6.65
17'-6"	18'-5"	3.84	4.20	4.38	4.74	5.64	7.00
18'-6"	19'-5"	4.02	4.40	4.59	4.97	5.92	7.35
19'-6"	20'-5"	4.20	4.60	4.80	5.20	6.20	7.70
20'-6"	21'-5"	4.38	4.80	5.01	5.43	6.48	8.05

BAND SAW BLADES

Milford wood-cutting band saws are made of finest saw steel, teeth carefully shaped and set. They may be resharpened and reset with resulting long life and economy.

STANDARD SPECIFICATIONS and List Price Per Foot

Width Inches	Thick-ness	Gauge	Teeth per Inch	List Price per Foot	List Price per Braze
3/16	.020 .028	25 22	6 4–6	$.13 .13	$.50
1/4	.020 .028 .032	25 22 21	6 4–6 4–5	.13 .13 .13	.50
3/8	.020 .028 .032	25 22 21	5 4–5 4–5	.14 .14 .14	.50
1/2	.020 .028 .032	25 22 21	5 2–3–4–5 4–5	.15 .15 .15	.50
5/8	.028 .032	22 21	4 3–4	.16 .16	.60
3/4	.028 .032 .035	22 21 20	3–4 2–3–4 3	.18 .18 .18	.60
1 1 1 1 1/4	.028 .032 .035 .035	22 21 20 20	4 3–4 2–3–4 2–3	.22 .22 .22 .26	.70
1 1/2 1 3/4	.035 .035	20 20	2 2	.32 .38	.80

CUT TO LENGTH AND BRAZED — LIST PRICES

Lengths from	Inclusive to	Width									
		3/16"	1/4"	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"
5'-6"	6'-5"	$1.28	$1.28	$1.34	$1.40	$1.56	$1.68	$2.02	$2.26	$2.72	$3.08
6'-6"	7'-5"	1.41	1.41	1.48	1.55	1.72	1.86	2.24	2.52	3.04	3.46
7'-6"	8'-5"	1.54	1.54	1.62	1.70	1.88	2.04	2.46	2.78	3.36	3.84
8'-6"	9'-5"	1.67	1.67	1.76	1.85	2.04	2.22	2.68	3.04	3.68	4.22
9'-6"	10'-5"	1.80	1.80	1.90	2.00	2.20	2.40	2.90	3.30	4.00	4.60
10'-6"	11'-5"	1.93	1.93	2.04	2.15	2.36	2.58	3.12	3.56	4.32	4.98
11'-6"	12'-5"	2.06	2.06	2.18	2.30	2.52	2.76	3.34	3.82	4.64	5.36
12'-6"	13'-5"	2.19	2.19	2.32	2.45	2.68	2.94	3.56	4.08	4.96	5.74
13'-6"	14'-5"	2.32	2.32	2.46	2.60	2.84	3.12	3.78	4.34	5.28	6.12
14'-6"	15'-5"	2.45	2.45	2.60	2.75	3.00	3.30	4.00	4.60	5.60	6.50
15'-6"	16'-5"	2.58	2.58	2.74	2.90	3.16	3.48	4.22	4.86	5.92	6.88
16'-6"	17'-5"	2.71	2.71	2.88	3.05	3.32	3.66	4.44	5.12	6.24	7.26
17'-6"	18'-5"	2.84	2.84	3.02	3.20	3.48	3.84	4.66	5.38	6.56	7.64
18'-6"	19'-5"	2.97	2.97	3.16	3.35	3.64	4.02	4.88	5.64	6.88	8.02
19'-6"	20'-5"	3.10	3.10	3.30	3.50	3.80	4.20	5.10	5.90	7.20	8.40
20'-6"	21'-5"	3.23	3.23	3.44	3.65	3.96	4.38	5.32	6.16	7.52	8.78

HAND HACKSAW BLADE SELECTION CHART

STANDARD STEEL

14 TEETH To cut material 1 in. diameter or over	Aluminum Babbitt Brass Bronze Cast Iron Copper C. R. Steel	Fibre Hard Rubber Heavy Angles Rails Soft Steel Structurals
18 TEETH To cut material ¼ in. to 1 in. diameter	Angles, Heavy Angles, Light Cable, Insulated Cast Iron Channels, Heavy Drill Rod	General Cutting Small Solids Solid C. R. Steel Stock, Machined Tool Steels
24 TEETH To cut material ⅛ in. to ¼ in. diameter or thickness	Angles, Light Brass Pipe Brass Tubing BX, Heavy Channels, Light Cord Tire Wires Heavy Cable	Heavy Sheet Metal Iron Pipe Metal Conduit Metal Trim over 18 ga. Sheet Metal over 18 ga. Tubing over 18 ga. Tin
32 TEETH To cut material less than ⅛ in. in thickness	BX, Light Exhaust Pipe Flush Pipe	Metal Trim under 18 ga. Sheet Metal under 18 ga. Tubing under 18 ga.

REZISTOR HIGH-SPEED STEEL

Use same number of teeth as recommended above but speed can be increased.

Use only REZISTOR High-Speed blades for cutting stainless steels.

HOW TO SELECT POWER SAW BLADES

In selecting a Power Saw Blade for the best performance, the same general rules apply as in the choice of a hand frame hacksaw blade. The finer pitch saws should be used for cutting thin metals, and the coarser tooth saws on larger sections of heavier metals.

The chart below shows the number of teeth per inch, speed, and pressure recommended for cutting various common materials, using a cutting lubricant. If your requirements are special, consult the Milford research staff.

Power Saw Blade Selection Chart

Material To Be Cut	REZISTOR High Speed Steel Power Hacksaw Blades		
	Teeth per Inch	Strokes per Minute	Weight or Pressure Lbs.
ALUMINUM ALLOY	4-6	150	60
ALUMINUM, PURE	4-6	150	60
BRASS CASTINGS, SOFT	6-10	150	60
BRASS CASTINGS, HARD	6-10	135	60
BRONZE CASTINGS	6-10	135	125
CAST IRON	6-10	135	125
COPPER, DRAWN	6-10	135	125
CARBON TOOL STEEL	6-10	90	125
COLD ROLLED STEEL	4-6	135	150
DRILL ROD	10	90	125
HIGH SPEED STEEL	6-10	90	125
MACHINERY STEEL	4-6	135	150
MANGANESE BRONZE	6-10	90	60
MALLEABLE IRON	6-10	90	125
NICKEL SILVER	6-10	60	150
NICKEL STEEL	6-10	90	150
PIPE, IRON	10-14	135	125
SLATE	6-10	90	125
STRUCTURAL STEEL	6-10	135	125
TUBING, BRASS	14	135	60
TUBING, STEEL	14	135	60

All figures are based on the use of a cutting lubricant, except for iron castings.

Manufacturers of

REZISTOR

and

FLEXIBLE REZISTOR

Hand and Power
HACKSAW BLADES

METAL-CUTTING
BAND SAW BLADES

PROFILE SAW

Form 102-46

PRINTED IN U. S. A.